CLAIMS

What is claimed is:

1. A method comprising:

applying a forward error correction code to a group of data packets to create a coded group of packets by supplementing a set of parity packets to the group of data packets;

transmitting the data packets, and transmitting a set of corresponding parity packets after the data packets have been sent;

receiving a positive acknowledgement signal;

in response to receiving the acknowledgement, ceasing to send additional parity packets; and

in response to not receiving the acknowledgment, continuing to transmit the parity packets.

2. The method of claim 1, wherein the data packets include multi-media data packets, and the transmitting includes transmitting over a wireless network.

3. The method of claim 2, wherein transmitting the multi-media data packets includes multi-media streaming over an Internet Protocol (IP) network.

4. The method of claim 3, wherein the multi-media streaming includes streaming via IEEE 802.11 standard over a wireless network.

5. The method of claim 4, wherein the multi-media streaming includes suppressing physical layer acknowledgements via multicasting IP addresses.

6. The method of claim 1, wherein the applying a forward error correction code includes applying a Reed-Solomon code to the data packets.

7. The method of claim 1, wherein the applying a forward error correction code includes applying a Tornado code to the data packets

8. The method of claim 1, wherein transmitting the group of packets includes interleaving and transmitting a second and separate group of data packets.

9. The method of claim 1, wherein the receiver sends multiple acknowledgement signals for a group of packets.

10. The method of claim 1, further includes manipulating the number of parity packets in response to data included in the acknowledgement.

11. A machine-readable storage media tangibly embodying a sequence of instructions executable by processor to perform a method comprising:

applying a forward error correction code to a group of data packets to create a coded group of packets by supplementing a set of parity packets to the group of data packets;

transmitting the data packets, and transmitting a set of corresponding parity packets after the data packets have been sent;

receiving a positive acknowledgement signal;

in response to receiving the acknowledgement, ceasing to send additional parity packets; and

in response to not receiving the acknowledgment, continuing to transmit the parity packets.

12. The machine-readable storage media of claim 11, wherein the data packets include multi-media data packets, and the transmitting includes transmitting over a wireless network.

13. The machine-readable storage media of claim 12, wherein transmitting the multi-media data packets includes multi-media streaming over an Internet Protocol (IP) network.

14. The machine-readable storage media of claim 13, wherein the multi-media streaming includes streaming via IEEE 802.11 standard over a wireless network.

15. The machine-readable storage media of claim 14, wherein the multi-media streaming includes suppressing physical layer acknowledgements via multicasting IP addresses.

16. The machine-readable storage media of claim 11, wherein the applying a forward error correction code includes applying a Reed-Solomon code to the data packets.

17. The machine-readable storage media of claim 11, wherein the applying a forward error correction code includes applying a Tornado code to the data packets

18. The machine-readable storage media of claim 11, wherein transmitting the group of packets includes interleaving and transmitting a second and separate group of data packets.

19. The machine-readable storage media of claim 11, wherein the receiver sends multiple acknowledgement signals for a group of packets.

20. The machine-readable storage media of claim 11, further includes manipulating the number of parity packets in response to data included in the acknowledgement.

21. A system comprising:

An encoder to apply a forward error correction code to a group of data packets to create a coded group of packets by supplementing a set of parity packets to the group of data packets;

A transmitter to transmit the data packets to a receiver over a network, and transmit a set of corresponding parity packets;

A receiver to receive a positive acknowledgement signal, wherein in response to receiving the acknowledgement, the transmitter ceases to send additional parity packets, and in response to not receiving the acknowledgment, continuing to transmit the parity packets.

22. The system of claim 21, wherein the transmitter streams multi-media data packets over an Internet Protocol (IP) network.

23. The system of claim 22, wherein the transmitter streams multi-media data packets via an IEEE 802.11 standard over a wireless network.

24. The system of claim 22, wherein the transmitter suppresses physical layer acknowledgements via multicasting IP addresses.

25. The system of claim 21, wherein the encoder applies a Reed-Solomon code to the data packets.

26. The system of claim 21, wherein the encoder applies a Tornado code to the data packets

27. The system of claim 21, wherein the transmitter interleaves a second and separate group of data packets with the group of data packets.